

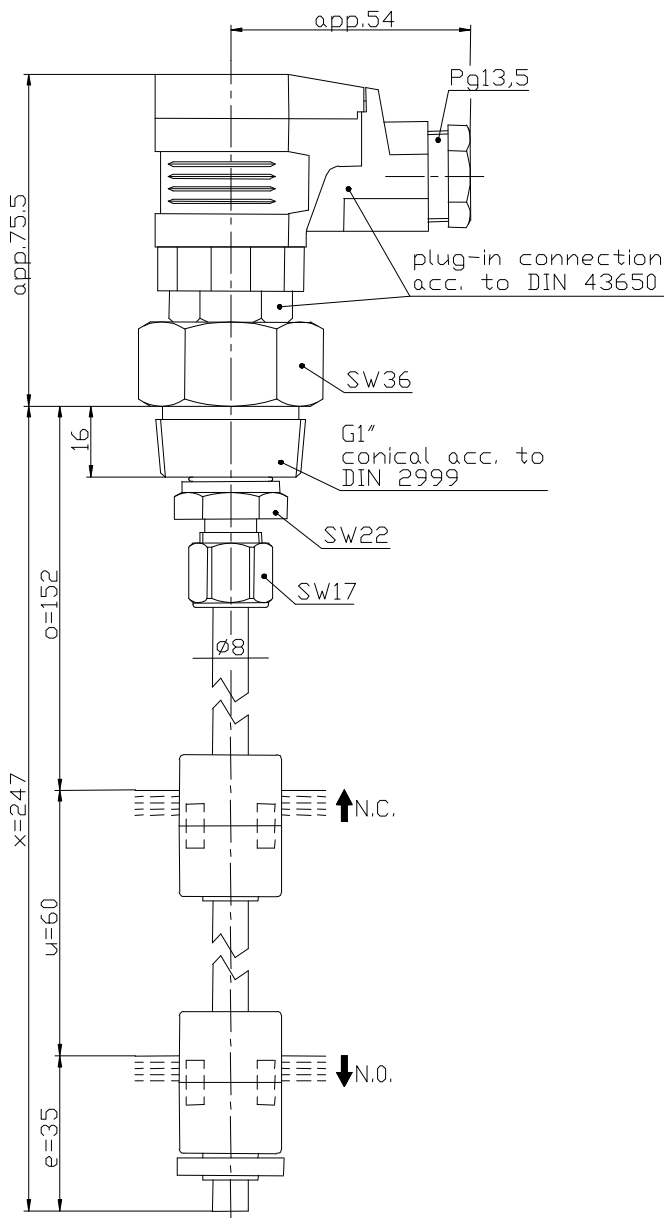
Technical Data

Float Switch

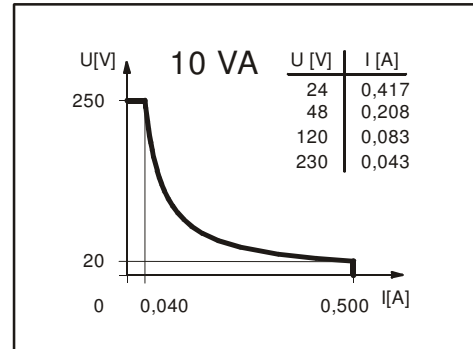
Standard float switches

Description **MAL-722 BYS 0247**

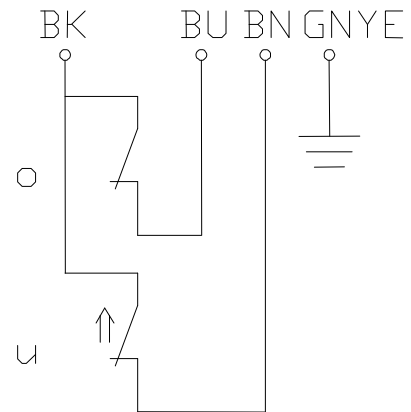
Article number **6821280002**



Performance diagram (maximum data)



Wiring diagram (without liquid)



Subject to change without notice.

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Standard float switches

Description **MAL-722 BYS 0247** Article number **6821280002**

Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element		1 normally closed contact, rising level 1 normally open contact, falling level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Screw connection material G1"		CuZn39Pb3 (2.0401)
Switching tube material		CuZn37 (2.0321) teflon-coated
Float material		NBR
	-density	about 0,55 g/cm ³ ±10%
	-depth of immersion	19 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material		CuSn8 (2.1030)
Gasket material		NBR
Ambient air temperature		-5°C to +60°C
Liquid temperature		-5°C to +60°C
Connection		plug-in connection acc. to DIN 43650
Protection type		IP 65 acc to DIN VDE 0470 T1
Max. pressure		5 bar

General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-density of 1 g/cm³.

The tolerance of the switching points is ±2mm

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!